

SYSTEM AND METHOD FOR DISTRIBUTING LOAD AMONG REDUNDANT
INDEPENDENT STATEFUL WORLD WIDE WEB SERVER SITES

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ABSTRACT OF THE INVENTION

The present invention provides a system and method
for distributing load among redundant, independent,
stateful web server sites that overcome the limitations
10 of prior art solutions. This is accomplished by
constructing the server computer to respond to an
initial connection request from a client computer with
the name of a server computer site, pool or group
selected based on various criteria. The server
15 computer site, pool and group names are maintained in
DNS nameservers with load balancing and failover
capabilities. As a result, the single-point-of-failure
and performance issues introduced by prior art web
proxy servers are eliminated. In addition, since the
20 session state information is only maintained on the
selected server computer site, the need to synchronize
web proxy server state with server computer state is
eliminated.

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